

ITEMS FOR THE ACTION OF THE REGIONAL WATERSHED ALLIANCE

TO: Chair and Members of the Regional Watershed Alliance
Meeting #1/19, Wednesday, February 13, 2019

FROM: Chandra Sharma, Director, Community Engagement and Outreach Division

RE: **OVERVIEW OF SELECTED TRCA PROJECTS WITH PUBLIC ENGAGEMENT OPPORTUNITIES FOR 2019-2020 AND BEYOND**

KEY ISSUE

To provide the Regional Watershed Alliance (RWA) a high-level overview of selected TRCA (2019-2020 and beyond) projects, and associated opportunities for public and RWA member engagement.

RECOMMENDATION

THAT a high-level overview of selected TRCA projects involving public engagement opportunities (2019-2020 and beyond) be received for information;

THAT Regional Watershed Alliance members be invited to engage with TRCA on these projects through collaboration, participation and fundraising opportunities, as appropriate;

AND FURTHER THAT presentations on selected TRCA projects be brought forward to Regional Watershed Alliance members by TRCA staff, beginning with a presentation on the Sustainable Neighbourhood Retrofit Action Program (SNAP).

BACKGROUND

TRCA has always had a unique and challenging role as the conservation authority charged with management of the natural and water resources of Ontario's largest urban center. Over TRCA's five decades of existence, the scope of environmental and sustainability challenges facing the Toronto region has expanded significantly. As new issues and priorities emerge, TRCA has evolved its programming and projects to provide direct benefit and value to its partner municipalities, communities and the watersheds within its jurisdiction. On an annual basis, TRCA staff undertake a large number of projects and programs across nine watersheds and the waterfront. The majority of these projects are initiated in partnership with, or supported by, TRCA's municipal partners, and reflect the priorities and principles upon which TRCA is based.

Potential projects are identified through several approaches. [TRCA's Strategic Plan](#) lays out twelve strategies which guide TRCA initiatives and priority projects. TRCA's watershed plans, which provide direction on the protection, restoration, enhancement and management of each watershed, also highlight issues that must be addressed and recommend priorities for action on a watershed scale. Furthermore, regional strategies related to natural heritage, trails, restoration priorities provide guidance for projects. TRCA also looks to align its work with municipal strategic priorities and needs in order to support partner municipalities, seek out new opportunities and maximize the benefits of TRCA work.

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Similarly, projects are funded through a variety of mechanisms. Municipal funding sources can include regional municipal funding provided to TRCA through TRCA member municipalities, as well as local municipal and other government agency partnerships focused on a particular project or outcome. Many TRCA projects also garner private sector support or receive funding through grants from many different agencies.

The project included in this report have been divided into three main categories Flood Mitigation Projects address issues related to flooding, including erosion, public safety, threats to property and other environmental, social and economic impacts. Public Realm Improvement Multi-Objective Projects provide multiple benefits to communities and the environment. Benefits and outcomes may include environmental protection or enhancement, recreational opportunities, active transportation, increased access to greenspace, making sites or facilities more inclusive and accessible, increasing community and corporate resiliency and improving infrastructure. Watershed Restoration Projects involve the restoration of watercourses, wetlands, meadows, riparian areas and other greenspaces through plantings, the construction of green infrastructure, natural channel design and other mechanisms.

Provided below is a list of selected projects with public engagement opportunities, which offers an overview of the range of work and partnerships that TRCA will be undertaking in 2019-2020 and an associated map (Attachment 1 – Selected TRCA Projects Planned for 2019-2020). The projects are organized by Region, with the local municipality being identified for each project. Within each Region, projects are further broken down according to the categories of Flood Mitigation Projects, Public Realm Improvement Multi-Objective Projects, and Watershed Restoration Projects.

Further details on these projects can be provided by project managers upon request.

RATIONALE

Many projects offer opportunities for the public to get involved. Such opportunities can include taking part in public information centers, community-based restoration events and citizen science initiatives, watershed and waterfront clean-ups, involvement in committees and other actions. In addition, TRCA offers additional opportunities for public engagement, including educational workshops and watershed events. RWA members are encouraged to seek out opportunities to engage with the projects below and to share information on the projects, as well as associated public engagement opportunities, with their respective networks and organizations.

Relationship to Building the Living City, the TRCA 2013-2022 Strategic Plan

This report supports the following strategies set forth in the TRCA 2013-2022 Strategic Plan:

Strategy 1 – Green the Toronto region’s economy

Strategy 3 – Rethink greenspace to maximize its value

Strategy 4 – Create complete communities that integrate nature and the built environment

LIST OF SELECTED TRCA PROJECTS FOR 2019-2020

Region of Peel

FLOOD MITIGATION PROJECTS

Project Name: Brampton Riverwalk Flood Protection Project

Watershed: Etobicoke Creek Watershed

Local Municipality and Location: City of Brampton, Downtown Brampton

Corresponding # on attached map: 1

Proponents/Partners: TRCA and City of Brampton, with funding provided by Peel Region Climate Change Fund and the Federal Government through the National Disaster Mitigation Program.

Project Purpose and Description: TRCA in partnership with the City of Brampton, has commenced the Downtown Brampton Flood Protection Project Environmental Assessment (DBFP EA), a Municipal Class Environmental Assessment (Schedule C). Downtown Brampton is located within a flood-vulnerable area and is subject to land use development restrictions set by the Province of Ontario. The goal of the DBFP EA is to identify a preferred Alternative Solution that will reduce flood risk to the downtown core, while considering opportunities for revitalization and ecological benefits. The completion of the DBFP EA is a critical step towards achieving the Riverwalk – a transformative opportunity for the City of Brampton to realize a revitalized future downtown core. Riverwalk's overarching goal is to create a healthy, sustainable and resilient downtown Brampton.

Projected Completion Date: The project is currently in Phase II of the Municipal Class EA process and is proposed to be completed by March 31, 2020.

Type of Engagement Opportunity: The first Public Information Centre (PIC) was held on November 7th 2018. This meeting introduced the Downtown Brampton Flood Protection EA project, a Municipal Class Environmental Assessment (Schedule C) Project, to the general public. The PIC also provided information on the current conditions, a Preliminary Alternative Solutions and the proposed criteria that will be used to evaluate the Alternative Solutions. Additional PICs will be scheduled for Spring 2019. Furthermore, the DBFP EA Consultation Plan includes a Technical Advisory Committee and Community Liaison Committee, as well as engagement with Indigenous Communities.

Additional Resources: trca.ca/dbfpea

Project Name: Bolton Berm

Watershed: Humber River Watershed

Local Municipality and Location: Town of Caledon, Community of Bolton

Corresponding # on attached map: 2

Proponents/Partners: TRCA, Region of Peel and Town of Caledon

Project Description: This project focuses on the Bolton Special Policy Area (SPA), which consists of the Historic Village of Bolton. The flood control works implemented for the Village of Bolton were constructed in the early 1980's and were intended to provide flood protection up to, and including, the 500-yr storm. In 2012, the Town of Caledon and TRCA initiated the Bolton SPA Update and through this study it was determined by the TRCA that the Berm does not provide the level of service it was originally intended to provide. TRCA initiated the Bolton Berm Hydraulic Assessment and Remediation study in 2016 with the intent to identify the cause of structural deficiencies within the existing flood control infrastructure and develop a remediation strategy to implement in the coming years. The study included the development of a 2D model

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of the Bolton SPA, as well as fluvial, geotechnical, and structural assessments of the existing flood control infrastructure within the Bolton SPA.

Flood remediation plans for priority sites to restore the Bolton Flood Protection berm have been developed. TRCA staff will develop detailed design drawings and an implementation plan for the Bolton Berm in 2019, with restoration activities tentatively scheduled for the end of 2019 and early 2020.

Projected Completion Date: Detailed design work is planned for 2019 and project implementation planned for 2020.

Type of Engagement Opportunity: Due to extensive public consultation as part of the Bolton SPA Update, a letter will be sent to the surrounding community, at a minimum. There is also the opportunity for potential consultation with municipal staff and councillors.

Additional Resources: <https://www.caledon.ca/en/townhall/resources/BoltonSPA-Flood-Risk-and-Planning-Justification-Dec-2015-DRAFT-A1.pdf>

PUBLIC REALM IMPROVEMENTS MULTI-OBJECTIVE PROJECTS

Project Name: Jim Tovey Lakeview Conservation

Watershed: Waterfront

Local Municipality and Location: City of Mississauga

Corresponding # on attached map: 3

Proponents/Partners: TRCA, Credit Valley Conservation Authority and Region of Peel, with support from the City of Mississauga and the City of Toronto

Project Description: Credit Valley Conservation (CVC), the Region of Peel and TRCA are creating a beautiful and naturalized conservation area known as Jim Tovey Lakeview Conservation Area. It will transform the Lakeview neighbourhood into a hub for passive waterfront recreation, a hotspot for wildlife migration and a green oasis in the heart of the city. The new conservation area will comprise a total of 26 hectares and include 3500 meters of new trails and 1.6 km of new shoreline. The new conservation area will be owned and managed by CVC.

Projected Completion Date: 2024-2026

Type of Engagement Opportunity: CVC is leading the public engagement with support from TRCA and the Region of Peel. Public engagement includes regular updates to the project blog, news releases, video updates, meetings with the Community Liaison Committee, and pop-up events to update the public and local councillors.

Additional Resources: <https://cvc.ca/jimtoveylakeviewca/>

Project Name: Bolton Camp

Watershed: Humber Watershed

Local Municipality and Location: Town of Caledon, Community of Bolton

Corresponding # on attached map: 5

Proponents/Partners: TRCA, Region of Peel and Town of Caledon

Project Description: Since purchase of the property in 2011, TRCA staff has been working with municipal partners, school boards, community groups and the general public to create a vision for a renewed Bolton Camp. Through this process, the community has crafted a concept plan for transforming Bolton Camp from its previous use as an overnight summer camp into an inclusive community commons that brings people together to share in the Toronto region's rich arts, culture and recreation marketplace. Built around 50 historic buildings nestled in the picturesque Humber River valley, the re-envisioned Bolton Camp will bring the business sector, not-for-profits, social enterprises, and others together to provide youth, artists and

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entrepreneurs the opportunity to transform this historic landscape into an inclusive attraction that encourages creativity, innovation and learning.

In partnership with the Jays Care Foundation, Caledon Challenger Baseball, and the Town of Caledon, TRCA retrofitted the existing Bolton Camp sports field into an accessible baseball diamond that will provide children and young adults with physical and cognitive disabilities with a place to play. To celebrate this milestone, the Toronto Blue Jays and Jays Care Foundation launched the first ever Blue Jays Takeover event at the Bolton Camp site on July 10, 2018. Approximately 900 community members attended the event.

Projected Completion Date: Redevelopment of Bolton Camp anticipated being a 10-year project consisting of multiple phases.

Type of Engagement Opportunity: The redevelopment of Bolton Camp into an arts, culture, recreation and culinary destination for the Toronto region will support job creation through strategic investments in social infrastructure, as well as longer term training, employment and entrepreneurship opportunities, once fully operational. Multiple community engagement events will be planned throughout the implementation of this project.

Additional Resources: www.trca.ca/boltoncamp and www.boltoncamp@trca.on.ca

Project Name: Glen Haffy Conservation Area Master Plan

Watershed: Humber Watershed

Local Municipality and Location: Town of Caledon

Corresponding # on attached map: 6

Proponents/Partners: TRCA, Region of Peel and Town of Caledon

Project Description: The Glen Haffy Conservation Area Master Plan will set out management direction for the Glen Haffy Conservation Area and neighbouring TRCA properties on the Niagara Escarpment. The entire project will include an inventory and report of current and past conditions, a vision statement, management zones, management recommendations, a public use plan, a trail plan and a preliminary phased implementation schedule and budget. This will be developed in consultation with a project community advisory committee and the general public.

Projected Completion Date: Anticipated completion by 2021

Type of Engagement Opportunity: Participation on the Advisory Committee (to be established in late 2019 or early 2020)

Additional Resources: <https://trca.ca/conservation/greenspace-management/> under the Public Consultations tab and <https://yoursay.ca/>

Project Name: Albion Hills Conservation Area Master Plan Implementation

Watershed: Humber Watershed

Local Municipality and Location: Town of Caledon

Corresponding # on attached map: 7

Proponents/Partners: TRCA, Region of Peel and Town of Caledon

Project Description: With the support of municipal partners, donors and special partners, TRCA is implementing the Albion Hills Conservation Area Master Plan as approved in 2016. Implementation of this master plan includes investment in new facilities and infrastructure that builds the brand of both Albion Hills Conservation Area and TRCA, which supports the Tourism and Education sector. Another key component of the Master Plan implementation will address service gaps and state of good repair issues to optimize the function of the property and maximize its value. Projects will include trail improvements, office, workshop and storage facility demolition and replacement, and Lakeview site public use infrastructure improvement.

Projected Completion Date: Anticipated completion by 2020

Type of Engagement Opportunity: Potential for community-based restoration and public tours.

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Additional Resources: <https://s3-ca-central-1.amazonaws.com/trcaca/app/uploads/2016/04/17165528/Albion-Hills-CA-Master-Plan-TRCA-Board-April-2016.pdf>

Project Name: Claireville Conservation Area

Watershed: Humber Watershed

Local Municipality and Location: City of Brampton

Corresponding # on attached map: 8

Proponents/Partners: TRCA, City of Brampton and City of Toronto

Project Description: Claireville Conservation Area is the site of multiple complementary projects, all of which contribute towards the implementation of the Claireville Conservation Area Management Plan Update, as approved in 2012. Implementation of this updated management plan is occurring in cooperation with municipalities, partners and donors, and will include investment in new facilities and infrastructure that builds the brand of both Claireville Conservation Area and TRCA, and which supports the Tourism and Education sector. Another key component of the Management Plan implementation will address service gaps and state of good repair issues to optimize the function of the property and maximize its value. Related projects include repairs to the Wiley Bridge, waterline replacement, improvements to the Robinson House land area, road upgrades, and public programming reinvigoration planning. Another project at the site is the Claireville Inter-regional Trail, which involves the design and construction of a trail that will connect local municipal pathways, the West Humber inter-regional trails and a linear trail system through Claireville Conservation Area. The trail will accommodate multiple user types, address accessibility for users, explore the potential for a heritage trail and include directional way-finding and interpretive signs. It will be constructed with minimal impact on the sensitive natural habitat and cultural heritage attributes of the conservation area. One of several restoration activities at the site is the Claireville Meadow Restoration. This is a large meadow restoration project that includes invasive species management and native meadow establishment through seeding and plug planting near the Claireville Conservation Area entrance off of Highway 50. Invasive management site preparation is underway and the area will be seeded and planted in 2019.

Projected Completion Date: Major construction of the Claireville Inter-regional Trail is slated to begin in 2019 and expected to finish in 2020. Meadow restoration to be completed in 2019. Completion of other Management Plan Update activities is anticipated by 2020.

Type of Engagement Opportunity: There will be opportunities for community-based restoration events once trail construction and meadow restoration are completed, as well as citizen science opportunities to maintain and monitor the meadow.

Note: Stakeholders are also being engaged as staff investigate opportunities for future animation of Claireville as directed by the Regional Watershed Alliance RES.#R2/18 on September 19th 2018.

“THAT the Greenspace and Ecosystem Services Working Group of the Regional Watershed Alliance (RWA) work with staff to investigate opportunities to animate Claireville Conservation Area and create programming and infrastructure that will promote greenspace engagement, ecosystem preservation and education, and outdoor activities to the diverse communities of the local community and GTA and report back in Quarter 2 2019. THAT the RWA and staff should also investigate potential partnerships and involvement of municipal, provincial and federal governments, as well as other means of generating the sustained investment and funding that would be required to implement the proposed priorities”.

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Project Name: Burnhamthorpe SNAP

Watershed: Etobicoke Creek Watershed

Local Municipality and Location: City of Mississauga, Burnhamthorpe Community

Corresponding # on attached map: 9

Proponents/Partners: TRCA, City of Mississauga, Region of Peel, local utilities, community groups (e.g. EcoSource), residents and businesses

Project Description: TRCA, the City of Mississauga and Region of Peel have worked with local residents and businesses to develop the Burnhamthorpe SNAP. This action-oriented plan will help implement the Etobicoke Creek watershed plan, Mississauga's Living Green initiatives and other municipal priorities, helping the community to become more sustainable, and more resilient to the impacts of climate change. Implementation projects have included a DePave project at a housing cooperative, home retrofit promotions, a raingarden demonstration in partnership with Sheridan Nurseries and a balcony gardening program. The project partners have now launched a Tower Program aimed at helping residential towers with building retrofits and revitalization of outdoor public spaces. The program assists tower owners and management to access available programs for stormwater credits, water and energy efficiency and other green infrastructure initiatives.

Projected Completion Date: Tower Program Phase 1 estimated completion in 2020. Overall SNAP implementation plan to be reconfirmed 2021.

Type of Engagement Opportunity: Targeting local tower tenant community and tower owners to solicit tower revitalization ideas and encourage participation in revitalization projects and programs. Municipal partner engagement to deliver on municipal multi-unit priorities. Engaging green technology sectors and utilities as program delivery partners.

Additional Resources: <https://trca.ca/conservation/sustainable-neighbourhoods/snap-neighbourhood-projects/burnhamthorpe-snap/>

Project Name: County Court SNAP and Upper Nine Stormwater Pond Retrofit

Watershed: Etobicoke Creek Watershed

Local Municipality and Location: City of Brampton, County Court Neighborhood

Corresponding # on attached map: 10

Proponents/Partners: TRCA, City of Brampton, Region of Peel, local utilities, community groups (e.g. County Court Neighbourhood Association), Brampton Golf Club, local residents and businesses.

Project Description: As TRCA's first pilot, the County Court SNAP is a plan to build a sense of community, make the neighbourhood more environmentally friendly and prepare it for the impacts of climate change. The plan helps implement plans and priorities of TRCA, City of Brampton, Region of Peel and local residents. A neighbourhood-based vulnerability assessment and adaptation planning project is being led by TRCA, in partnership with City of Brampton, Region of Peel, County Court Neighbourhood Association and other local community stakeholders. This project will use inspiring activities to create personal connections to local climate futures and access local knowledge to refine municipal-scale climate vulnerability assessments and develop a shared adaptation plan for implementation with the final stages of the SNAP Action Plan.

Construction of the City of Brampton's Upper Nine Stormwater Pond Retrofit project is a retrofit project that will include restoration work to enhance an existing stormwater management pond. The existing dry pond will be converted to a wet pond to improve water quality and quantity. This project will improve stormwater management, natural heritage and community amenities with the addition of trails and benches. The local community has provided input at all design stages and will continue to be engaged in celebration of the final project.

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TRCA will also encourage more local homeowners interested in hosting their neighbours in DIY home energy retrofit parties by connecting them with appropriate expertise and information. These current initiatives, together with many projects already completed, will address virtually all implementation areas of the adaptation plan.

Projected Completion Date: 2019

Type of Engagement Opportunity: Local community, business and municipal partner implementation action. Potential for community-based restoration and citizen science opportunities to monitor and maintain plantings at Upper Nine Stormwater Pond Retrofit.

Additional Resources: <https://trca.ca/conservation/sustainable-neighbourhoods/snap-neighbourhood-projects/county-court-snap/> and <https://trca.ca/conservation/restoration/>

Project Name: West Bolton SNAP

Watershed: Humber River Watershed

Local Municipality and Location: Town of Caledon, Community of Bolton

Corresponding # on attached map: 11

Proponents/Partners: TRCA, Town of Caledon, Region of Peel, local utilities, community organizations and residents.

Project Description: TRCA, with the Town of Caledon and Region of Peel, is working closely with neighbourhood residents and businesses to launch implementation of the West Bolton SNAP. This includes an on-the-ground demonstration of the town's Community Climate Change Action Plan, delivery of Peel Region's climate plan priorities, local implementation of the Humber River Watershed Plan and many other municipal priorities. A locally targeted home retrofit program, with a focus on lot-level stormwater management, natural heritage and energy efficiency, will include home consultations for residents interested in participating in existing utility programs and DIY home retrofit workshops for those who prefer to learn how to undertake simple retrofits while helping their neighbours. A Jaffary's Creek corridor revitalization project involving a local private institution and the community will alleviate erosion in the stream and create a community gathering space to celebrate the local heritage. Additional planting initiatives are also being planned to address heat vulnerability and contribute to the urban forest targets.

Projected Completion Date: 2025

Type of Engagement Opportunity: Engagement targets local homeowners to participate in home retrofit program. Local residents and community leaders will be engaged to provide input to detailed designs of initial revitalization projects. Engaging green technology sectors and utilities as program delivery partners.

Additional Resources: <https://trca.ca/conservation/sustainable-neighbourhoods/snap-neighbourhood-projects/west-bolton-snap/>

WATERSHED RESTORATION PROJECTS

Project Name: Castlemore Park North - Riparian and Stream Restoration

Watershed: Humber River Watershed

Local Municipality and Location: City of Brampton, Castlemore Park

Corresponding # on attached map: 12

Proponents/Partners: TRCA, Region of Peel and City of Brampton

Project Description: This project includes bank repairs in Castlemore Park (North and South) of an undercut outside bank and removal of sediment depositions upstream and downstream of the Fitzpatrick Drive bridge. Banks have been graded with toe protection and bioengineered.

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Riparian plantings will add natural cover and stabilize the riparian area. Construction occurred in fall 2018 and plantings will continue into 2019.

Projected Completion Date: 2019

Type of Engagement Opportunity: Potential for community-based restoration and citizen science opportunities to monitor and maintain plantings.

Additional Resources: <https://trca.ca/conservation/restoration/>

Project Name: Kennedy Valley Wetlands

Watershed: Etobicoke Creek Watershed

Local Municipality and Location: City of Brampton

Corresponding # on attached map: 13

Proponents/Partners: TRCA, Region of Peel, City of Brampton and Infrastructure Ontario

Project Description: This is a wetland restoration project which will include natural bollard placement, habitat structures and aquatic plantings in restored wetlands. Wetland construction was completed in 2018 and coordinated plantings with the City of Brampton and TRCA will continue in 2019.

Projected Completion Date: 2019

Type of Engagement Opportunity: Potential for community-based restoration and citizen science opportunities to monitor and maintain plantings.

Additional Resources: <https://trca.ca/conservation/restoration/>

Project Name: Reddington Wetland Restoration

Watershed: Humber River Watershed

Local Municipality and Location: Town of Caledon, Community of Palgrave

Corresponding # on attached map: 14

Proponents/Partners: TRCA, Region of Peel and Town of Caledon

Project Description: This project will include offline pond decommissioning, wetland restoration and planting on a new property acquired by the TRCA. Construction and wetland plantings were completed in fall 2018, with additional forest plantings continuing into 2019.

Projected Completion Date: 2019

Type of Engagement Opportunity: Potential for community-based restoration and citizen science opportunities to monitor and maintain plantings.

Additional Resources: <https://trca.ca/conservation/restoration/>

Project Name: King's Park Stream and Wetland Restoration

Watershed: Etobicoke Creek Watershed

Local Municipality and Location: City of Mississauga, Kings Park

Corresponding # on attached map: 15

Proponents/Partners: TRCA, Region of Peel and City of Mississauga

Project Description: This project will include the removal of an existing in-stream barrier, stream restoration, the construction of a tertiary treatment wetland at storm water outfall and valley-land plantings post construction.

Projected Completion Date: 2022

Type of Engagement Opportunity: Potential for community-based restoration and citizen science opportunities to monitor and maintain plantings.

Additional Resources: <https://trca.ca/conservation/restoration/>

Project Name: Green Infrastructure Improvements - Outfall 18

Watershed: Etobicoke Creek Watershed

Local Municipality and Location: City of Brampton

Corresponding # on attached map: 16

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Proponents/Partners: TRCA, Region of Peel and City of Brampton

Project Description: This project will include a tertiary treatment wetland at a stormwater outfall to add wetland habitat and treat stormwater flows prior to reaching the creek. The project will involve regrading to connect the storm outfall to a created wetland and tree and shrub planting.

Projected Completion Date: 2019

Type of Engagement Opportunity: Potential for community-based restoration and citizen science opportunities to monitor and maintain plantings.

Additional Resources: <https://trca.ca/conservation/restoration/>

Project Name: Jefferson Park Stream Restoration

Watershed: Mimico Creek Watershed

Local Municipality and Location: City of Brampton, Jefferson Park

Corresponding # on attached map: 17

Proponents/Partners: TRCA, Region of Peel and City of Brampton

Project Description: A natural channel design project designed to repair failed infrastructure and improve fish habitat and flood storage capacity. The project will involve removal of a concrete channel and implementation of natural meanders and stream features. Inclusion of green infrastructure will be a component of the project as well. Riparian plantings will follow post-construction. The project will include enhancing park amenities, trail improvements and community outreach.

Projected Completion Date: 2022

Type of Engagement Opportunity: Potential for community-based restoration and citizen science opportunities to monitor and maintain plantings.

Additional Resources: <https://trca.ca/conservation/restoration/>

Project Name: Alfred Kuehne Phase 3 Stream Restoration

Watershed: Etobicoke Creek Watershed

Local Municipality and Location: City of Brampton

Corresponding # on attached map: 18

Proponents/Partners: TRCA, Region of Peel and City of Brampton

Project Description: A natural channel design project designed to repair failed infrastructure and improve fish habitat. The concrete channel and eroded stream were replaced with natural channel design. Construction was completed in 2018 and plantings will continue in 2019.

Projected Completion Date: 2019

Type of Engagement Opportunity: Potential for community-based restoration and citizen science opportunities to monitor and maintain plantings.

Additional Resources: <https://trca.ca/conservation/restoration/>

Project Name: Professor's Lake Shoreline and Fish Habitat Restoration

Watershed: Mimico Creek Watershed

Local Municipality and Location: City of Brampton, Professors Lake

Corresponding # on attached map: 19

Proponents/Partners: TRCA, Region of Peel and City of Brampton

Project Description: This is a shoreline restoration and erosion control project designed to enhance the existing inland lake shoreline while mitigating eroded sections and restoring riparian areas around the lake. Works will also include a viewing/community gathering node and installation of in-water fish habitat.

Projected Completion Date: 2019

Type of Engagement Opportunity: Potential for community-based restoration and citizen science opportunities to monitor and maintain plantings.

Additional Resources: <https://trca.ca/conservation/restoration/>

Project Name: William Hostrawser Valley (South) Channel Realignment

Watershed: Humber River Watershed

Local Municipality and Location: City of Brampton, William Hostrawser Valley

Corresponding # on attached map: 20

Proponents/Partners: TRCA, Region of Peel and City of Brampton

Project Description: This project will include restoration work to realign the existing stream channel and enhance the riparian buffer. Construction was completed in fall 2018. Plantings, maintenance, seeding, and erosion sediment control removals will occur in spring 2019.

Projected Completion Date: 2019

Type of Engagement Opportunity: Potential for community-based restoration and citizen science opportunities to monitor and maintain plantings.

Additional Resources: <https://trca.ca/conservation/restoration/>

City of Toronto

FLOOD MITIGATION PROJECTS

Project Name: Toronto Islands Flood Characterization and Risk Assessment Study

Watershed: Waterfront

Local Municipality and Location: City of Toronto

Corresponding # on attached map: 21

Proponents/Partners: TRCA and City of Toronto

Project Description: TRCA and the City of Toronto have been collaborating to reduce the damage caused by high lake water levels. With funding from City of Toronto and the National Disaster Mitigation Program, this project will serve to characterize the lake-based flood hazard on the Toronto Islands, and will help facilitate an understanding of the community and infrastructure vulnerabilities, potential impacts and risk to residents and municipal assets, and inform future structural and non-structural flood mitigation investments.

Projected Completion Date: 2019

Type of Engagement Opportunity: Targeted stakeholder consultation, including with community residents and businesses. Consultation also being undertaken as part of Toronto Islands Master Plan being led by City of Toronto.

Project Name: Black Creek Flood Protection Project

Watershed: Humber Watershed

Local Municipality and Location: City of Toronto

Corresponding # on attached map: 22

Proponents/Partners: TRCA and City of Toronto

Project Description: Through this project, TRCA and the City of Toronto will complete a thorough re-assessment of the flood remediation alternatives developed in TRCA's 2014 "Black Creek (Rockcliffe Area) Riverine Flood Management Class Environmental Assessment". The project will assess the viability of the revised list of flood remediation alternatives from both a hydrotechnical and transportation systems perspective and will provide TRCA and the City with a revised set of alternatives for consideration.

The assessment will identify potential implications to the local drainage system and identify areas of servicing and utility conflicts, as well as areas of opportunity to ensure a comprehensive flood remediation plan is provided for the area.

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Projected Completion Date: Detailed design work planned for 2019 and project implementation planned for 2020.

Type of Engagement Opportunity: Public information centers to take place in early 2020, with involvement from City of Toronto staff. Consultation plan to be solidified in mid-late 2019.

Additional Resources: <https://trca.ca/conservation/flood-risk-management/stay-informed/black-creek-environmental-assessment/>

PUBLIC REALM IMPROVEMENTS MULTI-OBJECTIVE PROJECTS

Project Name: Trail Strategy for the Greater Toronto Region

Watershed: All watersheds in TRCA jurisdiction

Local Municipality and Location: All municipalities in TRCA jurisdiction

Corresponding # on attached map: Entire TRCA jurisdiction

Proponents/Partners: Municipal, provincial and federal governments, the Regional Watershed Alliance, and non-governmental organizations (NGOs), community partners and the development industry.

Project Description: TRCA has prepared the Draft Trail Strategy for TRCA's Jurisdiction (Trail Strategy) to provide a strategic vision for a complete regional trail network in greenspace that facilitates sustainable living in this next generation of trails. As development accelerates, TRCA will employ this Strategy and partner with municipal, provincial and federal colleagues, non-governmental organizations (NGOs), community partners and the development industry to inform efforts to acquire, protect and enhance natural assets and to achieve new and upgraded trails, while connecting people to nature. Through this collaboration, ongoing public securement of greenspace and the provision of scenic trail greenways will occur. By working together strategically, we can grow and maintain our trail legacy in support of complete communities, a thriving economy and a healthy environment.

Type of Engagement Opportunity: Several opportunities will emerge building upon existing collaboration with local stewardship groups as the Strategy is implemented.

Additional Resources: <https://trca.ca/conservation/greenspace-management/conservation-land-care/trca-trail-program/>

Project Name: The Meadoway Project

Watershed: Don River Watershed, Highland Creek Watershed and Rouge River Watershed

Local Municipality and Location: City of Toronto

Corresponding # on attached map: 23

Proponents/Partners: TRCA, City of Toronto and the W. Garfield Weston Foundation

Project Description: The Meadoway project is transforming a barren power corridor into a vibrant 16-kilometre stretch of urban greenspace and meadowlands that will become one of Canada's largest linear urban parks. Cyclists and pedestrians will soon be able to travel from the heart of downtown Toronto to Rouge National Urban Park without ever leaving nature. Over the next seven years this site will turn into a place filled with butterflies, birds and wildflowers – a rich meadow landscape. Phase 1 of the project is funded with \$10 million from The W. Garfield Weston Foundation which will develop a visualization toolkit, completion of the Class EA and detailed design, meadow habitat restoration and maintenance and community engagement.

Completion Date: The entire project is expected to take at least 7 years and be completed by 2025.

Type of Engagement Opportunity: Public consultation has already begun as part of the Class EA and will also begin in 2019 for the engagement and public relations plan. Nature hikes, school/public plantings, litter cleanups and more are planned for 2019.

Additional Resources: <https://themeadoway.ca/>

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Project Name: Scarborough Waterfront Project

Watershed: Waterfront

Local Municipality and Location: City of Toronto, District of Scarborough

Corresponding # on attached map: 24

Proponents/Partners: TRCA and City of Toronto

Project Description: TRCA, in partnership with the City of Toronto, is proceeding with an Individual Environment Assessment (EA) for the Scarborough Waterfront Project under the provincial EA Act. The project proposes to create a system of publicly accessible and safe greenspaces along the Lake Ontario shoreline between Bluffer's Park and East Point Park in Toronto, which respect and protect the significant natural and cultural features of the Bluffs, enhance terrestrial and aquatic habitat, and provide a safe and enjoyable waterfront experience. The Final EA was submitted to the Ministry of Environment, Conservation and Parks on June 15, 2018. The ministry has confirmed that they will be posting its Review of the Scarborough Waterfront Environmental Assessment project on February 22, 2019 for a five week comment period ending on March 29, 2019. The Ministry's website for the posting will be this: <https://www.ontario.ca/page/scarborough-waterfront-project>

Projected Completion Date: Implementation is anticipated to take approximately 12 years but may take longer or shorter depending on material and funding availability.

Type of Engagement Opportunity: Public engagement as per the EA Act. RWA members are encouraged to submit comments through their respective networks directly on the site specified above.

Additional Resources: <https://trca.ca/conservation/green-infrastructure/scarborough-waterfront-project/>

Project Name: Don Mouth Naturalization

Watershed: Waterfront

Local Municipality and Location: City of Toronto

Corresponding # on attached map: 25

Proponents/Partners: TRCA, Waterfront Toronto and City of Toronto

Project Description: The Don Mouth Naturalization and Port Lands Flood Protection Project (DMNP) is a precedent-setting undertaking aimed at revitalizing the mouth of the Don River. It consists of 22 separate projects. The DMNP will ultimately transform the existing mouth of the Don River, including the Keating Channel, into a healthier, more naturalized river outlet, while simultaneously providing critical flood protection to 240 hectares of Toronto's eastern waterfront.

Projected Completion Date: Anticipated for 2025

Type of Engagement Opportunity: Public consultation will be conducted for each project.

Additional Resources: <https://trca.ca/conservation/green-infrastructure/don-mouth-naturalization-port-lands-flood-protection-project/>

Project Name: East Don Trail Project

Watershed: Don River Watershed

Local Municipality and Location: City of Toronto

Corresponding # on attached map: 26

Proponents/Partners: TRCA, City of Toronto and Government of Canada is investing up to \$11.25 million for the project under the Public Transit Infrastructure Fund (PTIF).

Project Description: This project will construct an exciting new multi-use trail to connect the existing East Don Trail, Gatineau Corridor Trail and the Don Trail System. The new East Don Trail will fill a significant gap in the City of Toronto's multi-use trail system and will connect diverse communities to nature through a new active transportation and recreation corridor.

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Construction will be completed in three phases. Phase 1 is located between the Lower Don Trail (at Taylor Massey Creek) and Bermondsey Road. Phase 2 will connect the existing East Don Trail (at Wynford Heights) to Wigmore Park (at Elvaston Trail). Although approved by the Environmental Assessment, Phase 3 has not undergone detailed design and still requires funding allocation at this time.

Projected Completion Date: Phase 1 and Phase 2 to be completed in December 2020 pending suitable weather and site conditions. Phase 3 does not have an estimated completion date at this time.

Type of Engagement Opportunity: Opportunities to share news stories, ask questions and download project materials through project website. Closer to the completion of Phase 1 and 2, there will be community tree planting events hosted by City of Toronto as part of the restoration plan for the project.

Additional Resources: <https://yoursay.ca/east-don-trail>

Project Name: Tommy Thompson Park Pavilion Project

Watershed: Waterfront

Local Municipality and Location: City of Toronto, Tommy Thompson Park

Corresponding # on attached map: 27

Proponents/Partners: TRCA and City of Toronto

Project Description: Project includes the creation of a pavilion at Tommy Thompson Park and entrance improvements.

Projected Completion Date: 2019

Type of Engagement Opportunity: Regular public updates regarding Tommy Thompson Park Master Plan implementation.

Additional Resources: https://waterfrontoronto.ca/nbe/wcm/connect/waterfront/d00f57c6-7a3f-496c-b16b-e50959ecbd97/03_TTP_OctDRP+WM.pdf?MOD=AJPERES

Project Name: Waterfront Major Maintenance Program

Watershed: Waterfront

Local Municipality and Location: City of Toronto, Waterfront

Corresponding # on attached map: 28

Proponents/Partners: TRCA and City of Toronto

Project Description: TRCA owns and maintains an extensive network of 233 active waterfront erosion control structural assets along the north shore of Lake Ontario across its jurisdiction.

Under this program, structures are monitored, repaired, upgraded and replaced to protect trails, beaches, navigation channels, park greenspace and essential municipal infrastructure from current and predicted future coastal processes.

Projected Completion Date: Ongoing

Type of Engagement Opportunity: Engagement determined on a project by project basis and ongoing social media updates.

Additional Resources: <https://trca.ca/conservation/erosion-risk-management/>

Project Name: Black Creek SNAP

Watershed: Humber River Watershed

Local Municipality and Location: City of Toronto, Black Creek Community

Corresponding # on attached map: 29

Proponents/Partners: City of Toronto, local utilities, numerous community organizations (e.g. FoodShare, Tree Mobile), local landowners, residents and businesses.

Project Description: Black Creek SNAP has been developed with the City of Toronto and local groups and residents to help transform this northwest Toronto priority neighbourhood into a healthy, green and self-sufficient community. Ongoing implementation of the home retrofit

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program will continue to engage local homeowners and promote uptake of actions for lot-level stormwater management, basement flood risk reduction, water and energy efficiency, urban forest planting and waste reduction through surplus harvest donation. Capacity building in partner delivery groups will continue with the goal of enabling them to continue to assist TRCA in scaling the delivery of this program. San Romanoway Tower Revival project will be showcased for the National Housing Strategy as a model of how green infrastructure and urban agriculture projects can achieve socio-economic co-benefits through capacity building and generate trust in residential tower owners to advance other building efficiency improvements.

Projected Completion Date: 2020

Type of Engagement Opportunity: Local homeowners are engaged to participate in home retrofit program. Local community organizations, utilities and City programs being engaged to help in delivery of home retrofit program. A variety of communications initiatives will engage resident champions, tenants, local social enterprise and community organizations and tower owners involved in the San Romanoway Revival project to tell their stories.

Additional Resources: <https://trca.ca/conservation/sustainable-neighbourhoods/snap-neighbourhood-projects/black-creek-snap/>

WATERSHED RESTORATION PROJECTS

Project Name: Grenadier Pond Phragmites Management and Shoreline Restoration

Watershed: Humber River Watershed

Local Municipality and Location: City of Toronto, High Park

Corresponding # on attached map: 30

Proponents/Partners: TRCA, City of Toronto and Friends of High Park

Project Description: This project will focus on the management of phragmites in Grenadier Pond for 3 to 5 years. Shoreline restoration planting and habitat creation will follow the control of the invasive species.

Projected Completion Date: 2024

Type of Engagement Opportunity: Community consultation and ongoing social media updates will be posted throughout the implementation of this project.

Additional Resources: <https://trca.ca/conservation/restoration/>

Project Name: Toronto Zoo Chorus Frog Swale Wetland

Watershed: Rouge River Watershed

Local Municipality and Location: City of Toronto, Toronto Zoo

Corresponding # on attached map: 31

Proponents/Partners: TRCA, Toronto Zoo and Ministry of Environment, Conservation and Parks

Project Description: This project will create wetland habitat through the restoration of a drainage ditch to enhance habitat opportunities for amphibians. Construction was completed in 2018 and plantings are planned for 2019

Projected Completion Date: 2019

Type of Engagement Opportunity: Potential community-based restoration opportunities through Toronto Zoo.

Additional Resources: <https://trca.ca/conservation/restoration/>

Project Name: Morningside Creek Stream Restoration

Watershed: Rouge River Watershed

Local Municipality and Location: City of Toronto

Corresponding # on attached map: 32

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Proponents/Partners: TRCA, City of Toronto and Ministry of Natural Resources and Forestry

Project Description: This project will focus on restoration plantings designed to increase soil stability/reduce erosion, improve biodiversity, and provide shade to the watercourse and bio-treatment of surface flows prior to entering the watercourse. A monitoring study regarding temperature influences on the creek is ongoing. Morningside Creek is the last redside dace-inhabited creek in Toronto.

Projected Completion Date: 2019

Type of Engagement Opportunity: Potential for community-based restoration and citizen science opportunities to monitor and maintain plantings.

Additional Resources: <https://trca.ca/conservation/restoration/>

Project Name: Humber Arboretum Pond

Watershed: Humber River Watershed

Local Municipality and Location: City of Toronto, Humber College North Campus

Corresponding # on attached map: 33

Proponents/Partners: TRCA, City of Toronto, Humber College and Humber Arboretum

Project Description: This project will restore and naturalize the existing stormwater management pond next to the Humber Arboretum on the Humber College North Campus. The restoration work will include shoreline restoration, new wetland restoration, the addition of tertiary treatment features, tree and shrub plantings and aquatic plantings.

Projected Completion Date: December 2019

Type of Engagement Opportunity: Potential for community-based restoration and interpretive education opportunities through City of Toronto and Humber Arboretum.

Additional Resources: <https://trca.ca/conservation/restoration/> and <https://humber.ca/arboretum/explore/ecosystems/humber-pond.html>

Project Name: High Water Level/Storm Damage Repairs to Lake Ontario Shoreline and Infrastructure

Watershed: Waterfront

Local Municipality and Location: City of Toronto, Waterfront

Corresponding # on attached map: 34

Proponents/Partners: TRCA and City of Toronto

Project Description: This project focuses on waterfront repairs across the Toronto waterfront and Toronto Islands due to damage from high water lake levels and storms. Restoration includes a beach curb installation and other works to protect shorelines and infrastructure. This project is led by the City of Toronto.

Projected Completion Date: To be determined

Type of Engagement Opportunity: Engagement determined on a project by project basis and ongoing social media updates will be posted throughout the implementation of this project.

Additional Resources: <https://trca.ca/conservation/restoration/>

Project Name: Morningside Park Wetland Restoration

Watershed: Highland Creek Watershed

Local Municipality and Location: City of Toronto, Morningside Park

Corresponding # on attached map: 35

Proponents/Partners: TRCA and City of Toronto

Project Description: This project will restore an existing wetland and stream channel to improve wetland habitat and improve problematic park drainage. Plantings will be coordinated with the City of Toronto and will follow construction. This project will also include efforts to manage invasive phragmites in the park.

Projected Completion Date: 2019

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Type of Engagement Opportunity: Potential for community-based restoration and citizen science engagement.

Additional Resources: <https://trca.ca/conservation/restoration/>

Project Name: Gibraltar Point Erosion Control Project

Watershed: Waterfront

Local Municipality and Location: City of Toronto, Toronto Island

Corresponding # on attached map: 36

Proponents/Partners: TRCA and City of Toronto

Project Description: Remediation of erosion hazards and enhancing ecological habitat at Gibraltar Point is a matter of public safety, protects essential structures on the Toronto Islands, and enhances key natural areas and community public space. A severe storm event in 2004 prompted the City of Toronto to engage the TRCA in emergency works on the Toronto Islands, specifically at Gibraltar Point to protect a washroom facility. The ongoing need to protect Gibraltar Point from erosion prompted the Gibraltar Point Erosion Control Class Environmental Assessment, which has been approved and implementation/construction began in September 2018.

Projected Completion Date: 2022

Type of Engagement Opportunity: Community liaison committee established. Ongoing social media updates will be posted throughout the implementation of this project.

Additional Resources: <https://trca.ca/conservation/green-infrastructure/gibraltar-point-erosion-control-project/>

Project Name: Franklin Children's Garden Wetland Restoration Project

Watershed: Waterfront

Local Municipality and Location: City of Toronto, Toronto Island Park

Corresponding # on attached map: 37

Proponents/Partners: TRCA and City of Toronto

Project Description: The primary objectives of this project are to improve water retention and supply issues in the pond/wetland, create wildlife habitat, and improve overall aesthetics. Additional benefits from this project will include improving overall site design and visitor experience of the pond and surrounding garden through the incorporation of new and enhancement of existing interpretive features and educational facilities.

Projected Completion Date: 2019

Type of Engagement Opportunity: Ongoing social media updates will be posted throughout the implementation of this project.

Project Name: Ashbridges Bay Landform Project

Watershed: Waterfront

Local Municipality and Location: City of Toronto

Corresponding # on attached map: 38

Proponents/Partners: TRCA and City of Toronto

Project Description: This project will identify a preferred solution that will mitigate the risk to navigation due to sediment erosion and deposition at the harbour entrance of Ashbridges Bay and Coatsworth Cut, while considering the various approved facilities, planning initiatives and current uses in the study area.

Projected Completion Date: Implementation anticipated to be started in spring 2019 with completion in 2024

Type of Engagement Opportunity: Public information sessions will be planned and ongoing social media updates will be posted throughout the implementation of this project.

Additional Resources: <https://trca.ca/conservation/green-infrastructure/ashbridges-bay-erosion-sediment-control-project/>

York Region

PUBLIC REALM IMPROVEMENTS MULTI-OBJECTIVE PROJECTS

Project Name: Bayview Glen SNAP

Watershed: Don River Watershed

Local Municipality and Location: City of Markham, Bayview Glen Community

Corresponding # on attached map: 39

Proponents/Partners: TRCA, City of Markham, Region of York, local utilities and local residents.

Project Description: TRCA and the City of Markham have worked closely with local residents to develop the Bayview Glen SNAP. This action-oriented plan applies direction from the Don River Watershed Plan and Markham's Greenprint Sustainability Plan initiatives to help the neighbourhood prepare for climate change and become a national leader in sustainability. The progressive action plan was endorsed by Council in April of 2016. Implementation of a locally targeted home retrofit program engages homeowners in actions aimed at lot-level stormwater management, local flood risk reduction, water and energy efficiency, urban forest succession planning and green transportation options. A flood remediation project was leveraged to achieve the revitalization of a local park, by incorporating greater environmental function and community amenities.

Projected Completion Date: To be confirmed, pending municipal direction.

Type of Engagement Opportunity: Local community, business and municipal partner implementation action.

Additional Resources: <https://trca.ca/conservation/sustainable-neighbourhoods/snap-neighbourhood-projects/bayview-glen-snap/>

WATERSHED RESTORATION PROJECTS

Project Name: Vaughan Mainline Compensation Planting

Watershed: Humber River Watershed

Local Municipality and Location: City of Vaughan, Nashville Resource Management Track

Corresponding # on attached map: 40

Proponents/Partners: TRCA

Project Description: This project includes compensation plantings that are part of a larger reforestation project along TRCA's Nashville Resource Management Tract.

Projected Completion Date: 2019

Type of Engagement Opportunity: Potential for community-based restoration and citizen science opportunities to monitor and maintain plantings.

Additional Resources: <https://trca.ca/conservation/restoration/>

Project Name: Cold Creek Conservation Area Wetland Restoration

Watershed: Humber River Watershed

Local Municipality and Location: Township of King, Cold Creek Conservation Area

Corresponding # on attached map: 41

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Proponents/Partners: TRCA, York Region, Township of King, and Ministry of Environment, Conservation and Parks

Project Description: This is a wetland restoration project with a focus on increasing habitat for Western Chorus frog populations (threatened under SARA). Wetland construction was completed in 2018 and plantings will be completed in 2019.

Projected Completion Date: 2019

Type of Engagement Opportunity: Potential for community-based restoration and citizen science opportunities to monitor and maintain plantings.

Additional Resources: <https://trca.ca/conservation/restoration/>

Project Name: Redelmeier Pond Restoration Project

Watershed: Don River Watershed

Local Municipality and Location: City of Vaughan

Corresponding # on attached map: 42

Proponents/Partners: TRCA and City of Vaughn

Project Description: This restoration project will include dam decommissioning, channel re-establishment for existing cold water streams, stormwater tertiary treatment wetland feature and riparian plantings.

Projected Completion Date: 2020

Type of Engagement Opportunity: Community consultations occurred in 2018 and will continue in 2019. Potential for community-based restoration and citizen science tree health monitoring and maintenance opportunities.

Additional Resources: <http://4mycommunity.ca/2018/03/have-your-say-redelmeier-pond-restoration-project-public-meeting-follow-up-survey/> and <https://trca.ca/conservation/restoration/>

Project Name: German Mills-Settlers Park Restoration Project

Watershed: Don River Watershed

Local Municipality and Location: Town of Markham, German Mills-Settlers Park

Corresponding # on attached map: 43

Proponents/Partners: TRCA, York Region and City of Markham

Project Description: This is a planting and stream restoration project that will include plantings of valley slopes, stream bank regrading and stabilization through plantings.

Projected Completion Date: 2019

Type of Engagement Opportunity: Potential for community-based restoration and citizen science tree health monitoring and maintenance opportunities.

Additional Resources: <https://trca.ca/conservation/restoration/>

Project Name: Nashville Wetland Restoration Project

Watershed: Humber Watershed

Local Municipality and Location: City of Vaughan, Nashville Resource Management Track

Corresponding # on attached map: 44

Proponents/Partners: TRCA

Project Description: This restoration project will enhance wetlands to improve native vegetation communities, structural habitat quality, diversity and function.

Projected Completion Date: 2019

Type of Engagement Opportunity: Potential for community-based restoration opportunities.

Additional Resources: <https://trca.ca/conservation/restoration/>

Project Name: Philips Lake Restoration Project

Watershed: Humber River Watershed

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Local Municipality and Location: Town of Richmond Hill

Corresponding # on attached map: 45

Proponents/Partners: TRCA and York Region

Project Description: This project will remove an existing fish barrier on Philips Lake to improve fish passage and naturalize the shoreline to improve fish habitat. The boat house will be removed and shoreline restored.

Projected Completion Date: 2019

Type of Engagement Opportunity: Potential for community-based restoration and community consultation.

Additional Resources: <https://trca.ca/conservation/restoration/>

Durham Region

PUBLIC REALM IMPROVEMENTS MULTI-OBJECTIVE PROJECTS

Project Name: Carruthers Creek Watershed Plan Update Project

Watershed: Carruthers Creek Watershed

Local Municipality and Location: City of Ajax and City of Pickering

Corresponding # on attached map: 46

Proponents/Partners: TRCA and Region of Durham

Project Description: A new Watershed Plan will aim to protect the ecological health of Carruthers Creek, now and for years to come. Community input on both the Vision and Management Philosophy which guide this new Watershed Plan will help TRCA and the Region of Durham create a healthier future for Carruthers Creek. The updated Watershed Plan will assess the current health of the watershed, revisit its Vision and Management Philosophy, and make recommendations to protect the future health of Carruthers Creek, based on current conditions. The final plan will recommend management actions focused on the protection, restoration, enhancement, and long-term management of the watershed.

Projected Completion Date: The Watershed Plan will be finalized and completed in late 2019.

Type of Engagement Opportunity: Stakeholders and the general public are asked for feedback on Management Recommendations and on the draft Watershed Plan.

Additional Resources: Information and documents available at <https://yoursay.ca/carruthers-creek>

Project Name: Frenchman's Bay Master Plan Implementation

Watershed: Waterfront

Local Municipality and Location: City of Pickering

Corresponding # on attached map: 47

Proponents/Partners: TRCA and City of Pickering

Project Description: The Frenchman's Bay Master Plan Implementation project will work towards completing a detailed implementation plan with budget and schedule, securing necessary permits and approvals.

Projected Completion Date: 2020

Type of Engagement Opportunity: Ongoing public information sessions and social media updates posted throughout the implementation of this project.

Additional Resources: <https://www.pickering.ca/en/city-hall/RFBWP-MasterPlan.aspx>

Project Name: Goodwood Resource Management Tract Trail Plan Implementation

Watershed: Duffins Watershed

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Local Municipality and Location: Uxbridge

Corresponding # on attached map: 48

Proponents/Partners: TRCA, Green Durham Association, Oak Ridges Moraine Trail Association, Trans Canada Trail, Parks Canada and Township of Uxbridge

Project Description: The Goodwood Resource Management Tract Trail Plan Implementation project will work towards completing a detailed trail implementation plan with budget and schedule, securing necessary property agreements and/or acquisitions to ensure a safe trail connection to Webb Road and continue to work with project partners to secure funds necessary to implement the trail plan as described in the phased implementation budget. TRCA will also work with Parks Canada to further the implementation of the Webb Road pedestrian crossing and continue to collaborate with Parks Canada regarding signage, detailed pedestrian crossing design, and future parking opportunities to ensure alignment with RNUP trail planning work.

Projected Completion Date: It is anticipated that this project will take 9 years to complete. Most of the efforts to secure funding to complete the project will be completed by 2020.

Type of Engagement Opportunity: Opportunities for advocacy to support trail construction funding and potential opportunities to participate in sign installation events.

Additional Resources: <https://trca.ca/conservation/greenspace-management/conservation-land-care/goodwood-trail-plan/>

WATERSHED RESTORATION PROJECTS

Project Name: Rouge National Urban Park Restoration Project

Watershed: Rouge River Watershed and Duffins Creek Watershed

Local Municipality and Location: City of Pickering, Town of Markham and Rouge National Urban Park

Corresponding # on attached map: 49

Proponents/Partners: TRCA, Parks Canada

Project Description: This initiative involves multiple wetland, riparian and forest restoration projects, including stream restoration work. Projects are located throughout Rouge National Urban Park and are coordinated with Parks Canada staff and tenants.

Projected Completion Date: 2019

Type of Engagement Opportunity: Engagement opportunities to be determined by Parks Canada.

Project Name: Pickering Golf Course Creek Stream Restoration

Watershed: Duffins Creek Watershed

Local Municipality and Location: City of Pickering

Corresponding # on attached map: 50

Proponents/Partners: TRCA, City of Pickering and Infrastructure Ontario

Project Description: This project will improve channel stability and conditions for fish passage at a remnant weir. Instream improvements are proposed downstream of the water control structure to provide better passage through the structure. Riparian conditions around the stream and online pond will be enhanced with plantings.

Projected Completion Date: 2019

Type of Engagement Opportunity: Potential community-based restoration opportunities lead by City of Pickering

Additional Resources: <https://trca.ca/conservation/restoration/>

Project Name: Brock South/North Compensation Planting Projects

Watershed: Duffins Creek Watershed

Local Municipality and Location: Town of Ajax

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Corresponding # on attached map: 51

Proponents/Partners: TRCA and Ministry of Transportation

Project Description: This project will enhance riparian and terrestrial reaches throughout the Brock North and South properties through plantings.

Projected Completion Date: 2020

Type of Engagement Opportunity: Potential community-based restoration opportunities.

Additional Resources: <https://trca.ca/conservation/restoration/>

Project Name: Duffins Marsh Northeast Lagoon

Watershed: Duffins Creek Watershed

Local Municipality and Location: Town of Ajax

Corresponding # on attached map: 52

Proponents/Partners: TRCA

Project Description: This marsh restoration project will enhance existing wetlands to improve native vegetation communities, structural habitat quality, diversity and function.

Projected Completion Date: 2019

Type of Engagement Opportunity: Potential community-based restoration opportunities.

Additional Resources: <https://trca.ca/conservation/restoration/>

Project Name: Ajax Waterfront Meadow

Watershed: Waterfront

Local Municipality and Location: Town of Ajax

Corresponding # on attached map: 53

Proponents/Partners: TRCA and Town of Ajax

Project Description: This project will conduct meadow maintenance and manage invasive species on previously restored native meadow.

Projected Completion Date: 2019

Type of Engagement Opportunity: Potential for community-based restoration opportunities.

Additional Resources: <https://trca.ca/conservation/restoration/>

Project Name: Seaton Lands Wetland, Riparian and Forest Restoration

Watershed: Duffins Creek Watershed

Local Municipality and Location: City of Pickering

Corresponding # on attached map: 54

Proponents/Partners: TRCA, City of Pickering and Infrastructure Ontario

Project Description: This project includes multiple wetland, riparian and forest restoration projects throughout the Seaton Land property.

Projected Completion Date: To be confirmed

Type of Engagement Opportunity: Potential for community-based restoration and citizen science tree health monitoring and maintenance.

Additional Resources: <https://trca.ca/conservation/restoration/>

Project Name: Paradise Park Wetland Restoration Project

Watershed: Waterfront

Local Municipality and Location: Town of Ajax

Corresponding # on attached map: 55

Proponents/Partners: TRCA and Town of Ajax

Project Description: This project will include wetland restoration and drainage improvements at Paradise Park in Ajax. This builds on previous wetland restoration works, beach dune restoration and shoreline restoration at the site.

Projected Completion Date: 2019

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Type of Engagement Opportunity: Potential for community-based restoration opportunities.

Additional Resources: <https://trca.ca/conservation/restoration/>

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Attachments: 1

Attachment 1 – Selected TRCA Projects Planned for 2019-2020 and beyond.